m/035/002

Kennecott Utah Copper Corporation
8315 West 3595 South
P.O. Box 6001
Magna, Utah 84044-6001
Tel: (801) 252-3257
Fax: (801) 252-3125

Paula H. Doughty
Manager, Environmental Compliance

Kennecott

February 28, 2001

Mr. Wayne Hedberg, Permit Supervisor
Minerals Reclamation Program
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801

Subject: Transmittal of Kennecott Utah Copper's 2001 Reclamation Activities Plan for Permit Number M/035/002

Dear Mr. Hedberg:

Enclosed is a copy of Kennecott Utah Copper's Reclamation Activities Plan for 2001. Only work that will occur within the boundaries of Permit Number M/035/002 has been included in this report. Reclamation projects that are completed in other areas of the Oquirrh Range will be described in the individual annual reports for 2001. If you have any questions about this report or would like to visit some of the sites, please call me at 252-3257.

Sincerely,

Lydia S. Salmon

for

Paula Doughty
Manager, Environmental Compliance

Enclosure

0006

KENNECOTT UTAH COPPER
RECLAMATION ACTIVITIES PLAN FOR 2001
PERMIT NUMBER M/035/002

This report summarizes the reclamation activities planned within the boundaries of Permit Number M/035/002. This report is submitted in partial fulfillment of the requirements of the September 28, 1978 Mined Land Reclamation Contract and of the Annual Report of Mining Operations. Individual reclamation projects are described below. Not listed below are interim reclamation projects for dust control on the existing tailings impoundment which will occur as needed throughout 2001.

Area #1 Tailings Impoundment Revegetation

Location: North and northwest of Magna, Utah (several sections within T1S, R2W and R3W).

Description: The active surface of the existing tailings impoundment is being reduced by a series of stepbacks. In 2001 two large areas of approximately 900-acres and 870 acres respectively are planned for reclamation. Also, approximately 30 acres in the Magna borrow area being used for construction of Reclamation Dike will be reclaimed.

Purpose: To stabilize tailings, to provide fugitive dust and erosion control, and to establish grazing land and wildlife habitat.

Activity: Perform minor contouring and leveling on exposed areas as required. Hydroseed or drill seed grasses, legumes, forbs, shrubs and trees in areas planned for permanent reclamation. Fertilizer will be applied to all areas that will be planted.

Area: Approximately 1800 acres will be permanently reclaimed.

Schedule: Spring and Fall of 2001.

Area #2 Midas and Copper Notch Dump Recontour

Location: Northeast of the Bingham Pit about 1.3 miles (SW¼, Section 24, T3S, R3W).

Description: This will include reducing several short (less than 100 ft high) angle of repose slopes to slopes of approximately 2.5:1 or less. The soils forming on these dumps have low salinity and pH values between 3 and 7. Volunteer vegetation is growing on some parts of these surfaces.

Purpose: To test the efficacy of lime application into waste rock soils with low pH characteristics. Also, to increase evapotranspiration, establish wildlife habitat and reduce infiltration and runoff on the upper surface of the Midas and Copper Notch dump.

Activity: Areas that already have volunteer vegetation will be treated with a small amount of agricultural lime if the pH is below 6 and fertilized. Areas that do not have vegetation will be ripped, treated with 2 to 10 tons/acre lime depending on the soil chemistry and will be fertilized. All sites will then be seeded with grasses, legumes, forbs, shrubs and trees.

Area: About 70 acres.

Schedule: Spring and Fall of 2001.

Area #3 Midas 7100 ft Level

Location: Northeast of the Bingham Pit about 1.3 miles (NW¼, Section 25, T3S, R3W).

Description: The waste rock soils in this area originally had a pH of approximately 3 and low soil salinity. The site was contoured and treated with lime during 2000.

Purpose: Test the effectiveness of lime soil amendments for

direct seed application into waste rock soils with low pH and low salinity characteristics. Increase evapotranspiration and reduce infiltration and runoff on the upper flat surface of the Midas dump and provide wildlife habitat.

Activity: Rip the seed bed area and seed grasses, legumes, forbs, shrubs and trees on all areas that were prepared in 2000.

Area: About 10 acres total.

Schedule: Spring and Fall of 2001.

Area #4 Midas Test Plots

Location: Northeast of the Bingham Pit, about 1.3 miles (NW¼, Section 25, T3S, R3W).

Description: Nine ½ acre test plots were established in late 2000 using various application rates of limed-biosolids, composted biosolids, crushed limestone and lime.

Purpose: Test the effectiveness of limed-biosolids, composted biosolids, crushed limestone and lime soil amendments for direct seed application into waste rock soils with low pH and low salinity characteristics. Increase evapotranspiration and reduce infiltration and runoff on the upper flat surface of the Midas dump and provide wildlife habitat.

Activity: These test plots will be ripped and seeded with grasses, legumes, forbs, shrubs and trees on all areas that were prepared in 2000.

Area: About 4.5 acres total.

Schedule: Spring and Fall of 2001.

Area #5 Yosemite Shops

Location: East-southeast of the Bingham Pit, about one mile (Central, Section 36, T3S, R3W).

Description The area had limed-biosolids applied in 2000. This site originally had a pH of 2.5 and moderate salinity.

Purpose: Test the effectiveness of limed-biosolids soil amendments for direct seed application into waste rock soils with low pH and moderate salinity characteristics. Increase evapotranspiration and reduce infiltration and runoff on the Yosemity dump and provide wildlife habitat.

Activity: This area will be ripped and drill seeded during 2001 with grasses, legumes, forbs, shrubs and trees on all areas that were prepared in 2000.

Area: About 3 acres total.

Schedule: Spring or Fall of 2001.

Area #6 Olsen/Queen Dumps

Location: South-southeast of the Bingham Pit about two miles (SW¼, Section 1, T4S, R3W).

Description Composted biosolids have already been applied to this area. The site soils had a pH range of 5 to 7 and low to moderate salinity.

Purpose: Test the effectiveness of composted biosolids soil amendments for direct seed application into waste rock soils with a pH range of 5 to 7 and low to moderate salinity characteristics. Increase evapotranspiration and reduce infiltration and runoff on the Olsen/Queen dumps and provide wildlife habitat.

Activity: This area will be ripped and seeded during 2001 with grasses, legumes, forbs, shrubs and trees on all areas that were prepared in 2000.

Area: About 16 acres total.

Schedule: Spring or Fall of 2001.

Area #7 Upper Carr Fork Test Plot

Location: East-southeast of the Bingham Pit, about 1.6 mile (SW¼, Section 34, T3S, R3W).

Description Four ¼ acre test plots were established in late 2000 using various application rates of limed-biosolids, composted biosolids, crushed limestone and lime. This site originally had a pH of 2.5 to 6 and moderate to high soil salinity.

Purpose: Test the effectiveness of limed-biosolids, composted biosolids, crushed limestone and lime soil amendments for direct seed application into waste rock soils with a pH range of 2.5 to 6 and moderate to high salinity characteristics. Increase evapotranspiration and reduce infiltration and runoff on the Upper Carr Fork dumps and provide wildlife habitat.

Activity: This area will be ripped and seeded during 2001 with grasses, legumes, forbs, shrubs and trees on all areas that were prepared in 2000.

Area: About 1 acre total.

Schedule: Spring or Fall of 2001.